

# *Interesting Facts*

CONCERNING THE EXHIBITION.

Area of enclosure, . . . 236 acres.

Area covered by Main

Building, . . . . . 21½ "

Wrought-iron used in

Main Building, . . . 7,200,000 lbs.

## THE CORLISS ENGINE.

Height from floor to top of beam at its highest pitch, 39 ft. Cylinders 40 inches diam., 10 ft. stroke. The connecting rods, 24 ft. in length, were made of 9000 *horse shoes*. Diameter of geared fly-wheel, 30 ft.; weight, 56 tons. Entire weight of engine and belongings, 1,360,588 pounds, requiring 60 cars to transport it from Providence to Philadelphia, the freight amounting to \$5442.55.

STOW & BURNHAM,

—500—

*North Fifteenth Street,*

PHILADELPHIA,

OR

*D-9, 68, Machinery Hall,*

INT'L EXHIBITION.



J. F. HASKINS,

GENERAL MANAGER.

THE  
*STOW*



FLEXIBLE SHAFT.

*THE FLEXIBLE SHAFT*

TRANSMITS rotary motion to any desired distance from source of power, and through any number of curves, so that power may be taken to the work, instead of the work being carried to the power.

The shaft has been successfully applied to marble, granite, and other stone surfacing, polishing, and working; iron drilling and surfacing; wood boring, carving, and facing; horse cleaning and clipping; casting cleaning and emery grinding of all kinds.